PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FNTYA030WO	FOR FURTHER ACTION as we	see Form PCT/ISA/220 vell as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/JP2004/015772	19/10/2004	11/11/2003
Applicant		
TOYOTA JIDOSHA KABUSHIKI H	KAISHA	
This International Search Report has beer according to Article 18. A copy is being tra	n prepared by this International Searching A ansmitted to the International Bureau.	uthority and is transmitted to the applicant
This International Search Report consists	of a total of4 sheets.	
X It is also accompanied by	a copy of each prior art document cited in the	nis report.
Basis of the report a. With regard to the language, the illinguage in which it was filed, unle	international search was carried out on the t ess otherwise indicated under this item.	pasis of the international application in the
The international s this Authority (Rule	search was carried out on the basis of a trar e 23.1(b)).	nslation of the international application furnished to
b. With regard to any nucleo	tide and/or amino acid sequence disclose	ed in the international application, see Box No. I.
2. Certain claims were foun	nd unsearchable (See Box II).	
3. Unity of invention is lack	king (see Box III).	
4. With regard to the title,		
X the text is approved as sub	omitted by the applicant.	
the text has been establish	ned by this Authority to read as follows:	
5. With regard to the abstract,		
X the text is approved as sub	omitted by the applicant.	
the text has been establish may, within one month fror	ed, according to Rule 38.2(b), by this Authon the date of mailing of this international se	ority as it appears in Box No. IV. The applicant arch report, submit comments to this Authority.
6. With regards to the drawings,		
a. the figure of the drawings to be pu	iblished with the abstract is Figure No. $\underline{3}$	
X as suggested by the	· ·	
	Authority, because the applicant failed to s Authority, because this figure better characteristics.	
	published with the abstract.	cenzes are invention.

Form PCT/ISA/210 (first sheet) (January 2004)

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F02N11/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - F02N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

X EP 1 233 175 A (MITSUBA CORP) 21 August 2002 (2002-08-21) paragraphs '0064!, '0068!; figures 6,7,9,10,13 X PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06, 4 June 2002 (2002-06-04) & JP 2002 061554 A (HONDA MOTOR CO LTD), 28 February 2002 (2002-02-28)	Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
21 August 2002 (2002-08-21) paragraphs '0064!, '0068!; figures 6,7,9,10,13 X PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06, 4 June 2002 (2002-06-04) & JP 2002 061554 A (HONDA MOTOR CO LTD), 28 February 2002 (2002-02-28)	Х	AL) 31 July 2003 (2003-07-31)	1,3-7, 9-11
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cited in the application abstract	(vol. 2002, no. 06, 4 June 2002 (2002-06-04) & JP 2002 061554 A (HONDA MOTOR CO LTD), 28 February 2002 (2002-02-28) cited in the application	

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed 	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search 7 January 2005	Date of mailing of the international search report $19/01/2005$
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Ulivieri, E

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	page 2, line 32 - page 3, line 2; figure 1

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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